



**North Carolina General
Assembly
LRC Committee on Jordan Lake
March 19, 2014**

Tom Roberts, President & COO
Aqua North Carolina, Inc.

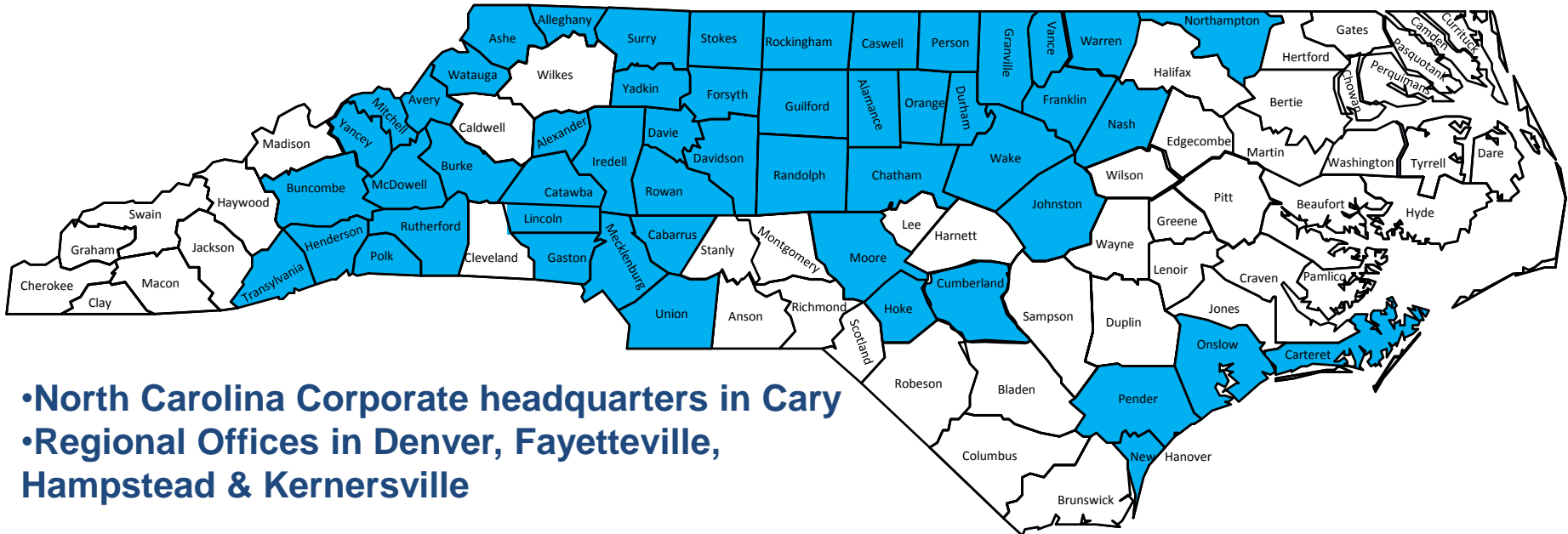
Aqua North Carolina Profile

- **North Carolina Operations**
 - Service to approximately 250,000 residents
 - 160 Employees – N.C. headquarters in Cary
 - Water service in 52 counties using approximately 1,600 wells
 - 75,297 water customers in 850 separate systems
 - Wastewater service in 18 counties through approximately 60 plants
 - 15,397 wastewater customers
- Local and committed employer providing competitive wages (\$8 million payroll)
- Invests between \$10 - \$15 million every year on infrastructure.
- Subsidiary of Aqua America, Inc. (Ticker: WTR)
 - \$4.6 Billion Market Cap
 - 1,500 employees operating in 8 states
 - 130 year old company based in Bryn Mawr, Pennsylvania



Aqua North Carolina Service Territory

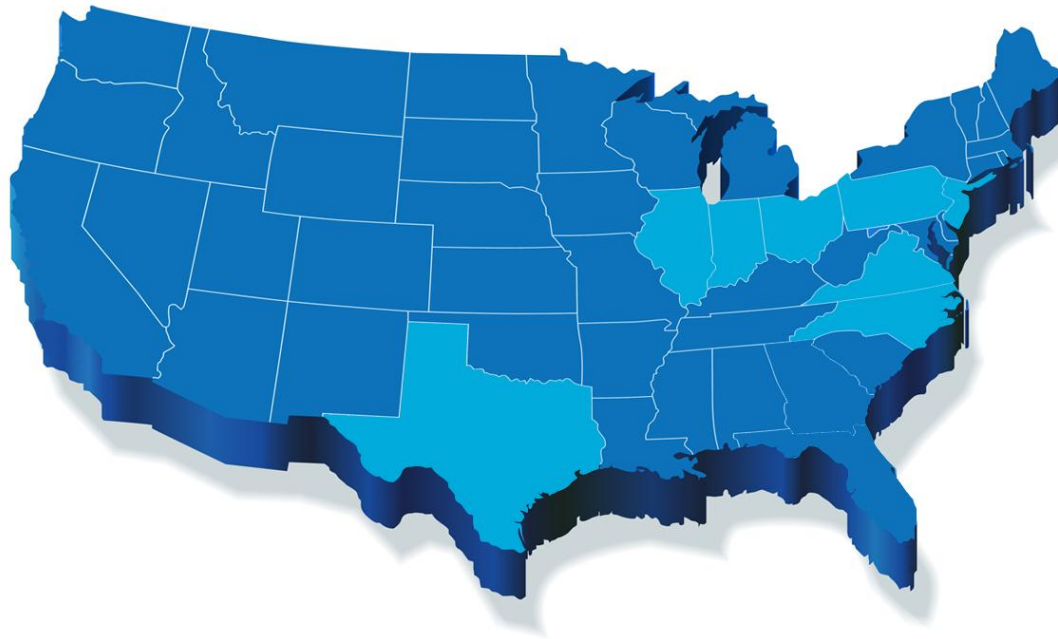
- North Carolina's largest private water utility
- Services to more than 250,000 residents throughout North Carolina
- Operations in 52 counties
- Operations across multiple water sheds



- North Carolina Corporate headquarters in Cary
- Regional Offices in Denver, Fayetteville, Hampstead & Kernersville



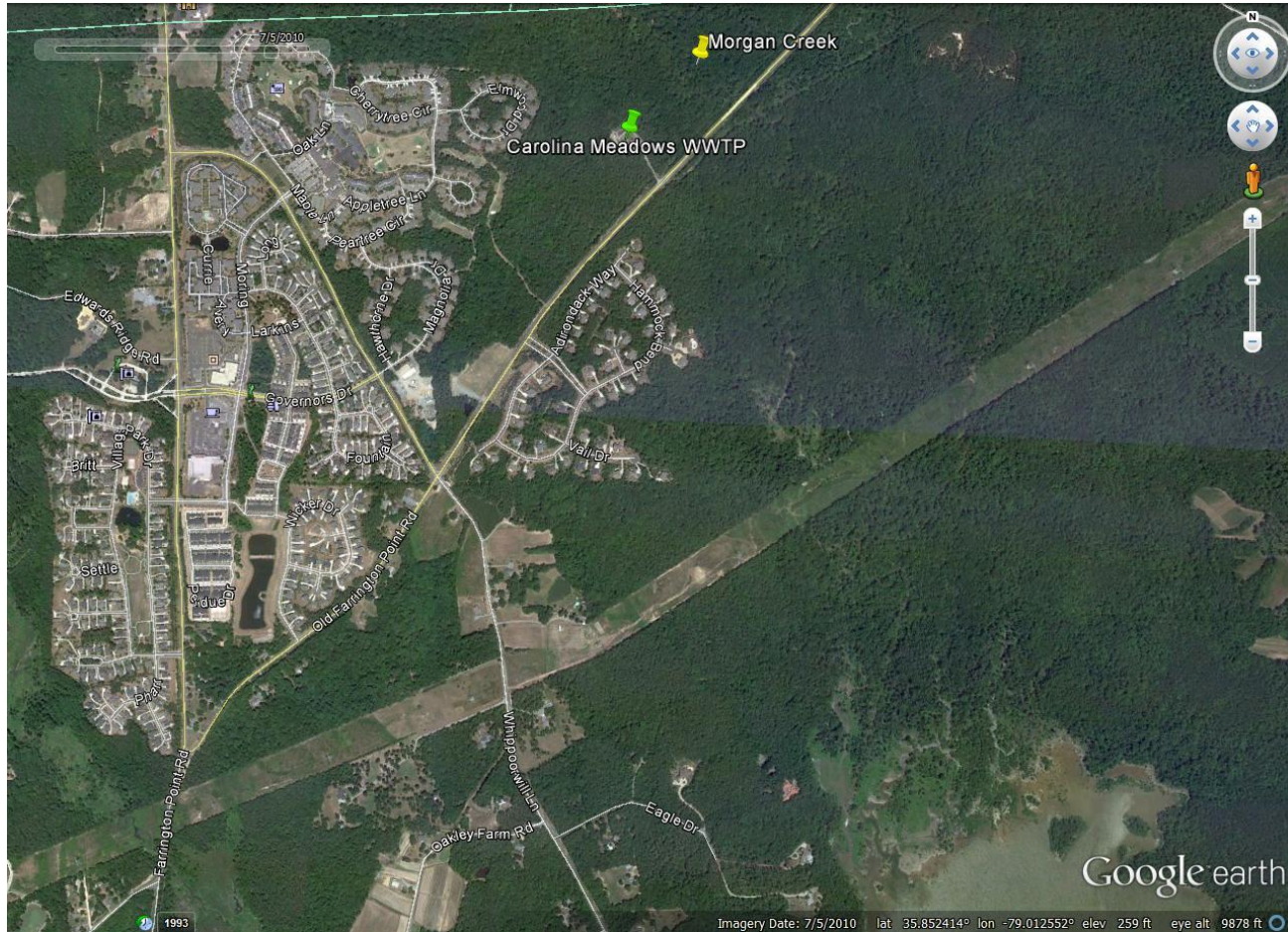
Aqua America, Inc.



Carolina Meadows WWTP: Jordan Lake Watershed



Carolina Meadows WWTP – Proximity to Jordan Lake



Investment Made and Measurable Results

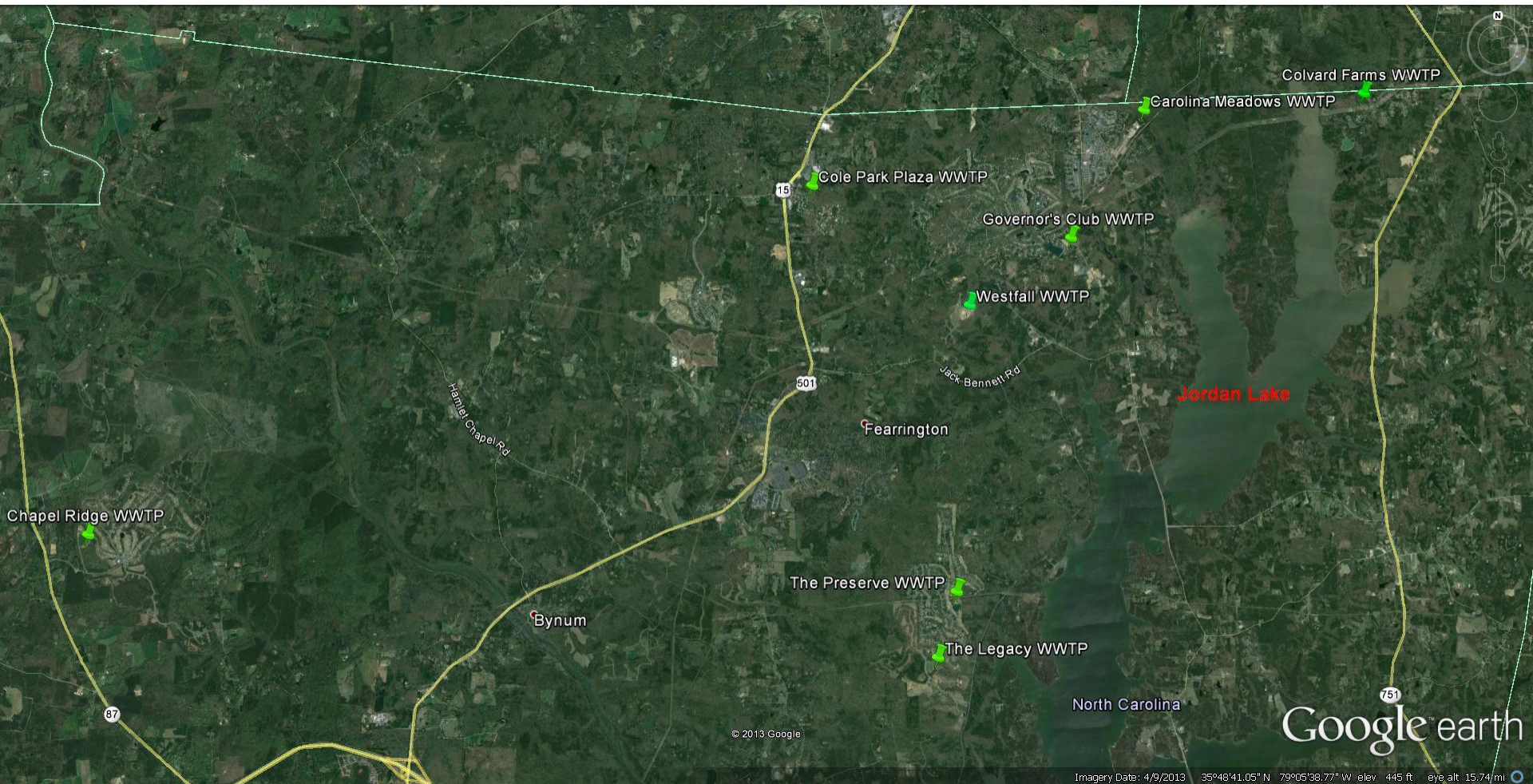
- Between 2007-2008 Aqua made investment of \$363,000 for compliance and expansion at the Carolina Meadows plant.
- In response to rules in place or proposed we added:
 - New anoxic zone for Nitrogen removal
 - New chemical treatment for Phosphorous removal (\$27,000/year current operating expense)
 - Other improvements to add capacity to the plant
- Measurable results
 - Prior to improvements our mass loading for Total Nitrogen was 3050 lbs/year. Phosphorous was not tracked.
 - After improvements our mass loading for Total Nitrogen is 928lbs/year. Phosphorous is 177 lbs/year



Carolina Meadows - Improvements



Aqua WWTPs near Jordan Lake



Thank You

Thomas J. Roberts, President and COO
Michael Melton – Regional Manager of Compliance
Aqua North Carolina, Inc.
202 MacKenan Court
Cary, North Carolina 27511

tjroberts@aquaamerica.com

919-653-5770

mamelton@aquaamerica.com

704-489-9404

